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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

ATTY.'S DOCKET: MUKAI=3

In re Application of:	) Art Unit: 1652
Kazuhisa MUKAI et al.	)
Appln. No.: 10/569,959	) Examiner: Ganapathiram RAGHU
Filed: February 28, 2006	)
For: CYCLIC MALTOSYLMALTOSE	) Washington, D.C.
	)
	) April 24, 2007
	)
	) Confirmation No.: 3080

**INFORMATION DISCLOSURE STATEMENT [IDS]**

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U.S. Patent and Trademark Office  
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Sir :

This Information Disclosure Statement is submitted in accordance with 37 CFR §§1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

1. This IDS should be considered, in accordance with 37 CFR §1.97, as it is filed before the mailing date of a first office action on the merits.

2. In accordance with 37 CFR §1.98, this IDS includes a list (e.g., form PTO/SB/08A) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. A copy of each document listed is attached.

3. Documents AA-AE are not in the English language.

In accordance with §1.98(a)(3), Applicant(s) states that an English translation of each document AA-AE (or of the pertinent portions thereof), or a copy of each corresponding English-language patent or application, or English-language abstract (or claim) is enclosed.

4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).

5. In accordance with 37 CFR §§1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56 (b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant(s) reserves the right to prove that the date of publication is in fact different.

Respectfully submitted,

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/569,959
Filing Date	February 28, 2006
First Named Inventor	Kazuhisa MUKAI
Group Art Unit	1652
Examiner Name	Ganapathiram RAGHU
Attorney Docket Number	MUKAI=3

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	AA	JP-7-143876 A	06-06-1995	Hayashibara Biochem Lab.		Abs
	AB	JP-7-213283 A	08-15-1995	Hayashibara Biochem Lab.		Abs
	AC	WO 01/90338 A1	11-29-2001	Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo		Abs
	AD	WO 02/055708 A1	07-18-2002	Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo		Abs
	AE	WO 02/40659 A1	05-23-2002	Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo		Abs

**NON PATENT LITERATURE DOCUMENTS /OTHER INFORMATION**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	AF	Dexter FRENCH et al., "Studies on the Schardinger Dextrins. The Preparation and Solubility Characteristics of Alpha, Beta and Gamma Dextrins <sup>1</sup> ", Vol. 71(1), pp.353-356, January 1949.	

Examiner  
SignatureDate  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.